CONTENTS OF VOLUME 77, 1991

FASCICLE 1

1 Decarli A., La Vecchia C.: Cancer mortality in Italy, 1985-1987

7 Gafà L., Amendola P., Dardanoni G., Dardanoni L.: Survival of patients with cancer of the stomach, colon and rectum, lung and breast in Ragusa, Sicily

12 Pisano M., Cocco P., Cherchi R., Onnis R., Cherchi P.: Glucose-6-phosphate dehydrogenase deficiency and lung cancer: a hospital based case-control study

16 Viel A., De Pascale L., Toffoli G., Tumiotto L., Miotto E., Boiocchi M.: Frequent occurrence of Harasl allelic deletion in human ovarian adenocarcinoma

21 Bao Y., Yuan X., Wu J., Zhang W., Jiang Z.: Cisplatin as a radiosensitizer in clinical practice: a pilot study

25 Lepri E., Liberati M., Portuese M.G., Menconi E., Santucci A., Barzi A.: In vitro chemosensitivity of newly diagnosed and relapsing acute non-lymphoid leukemia patients

28 Callea V., Morabito F., Martino B., Stelitano C., Oliva B., Nobile F.: Diagnostic and prognostic relevance of the immunophenotype in acute myelocytic leukemia

32 Amadori M., Maltoni M., Ravaioli A., Rosti G., Pasquini E., Leoni M., Amadori D.: Primary lymphoma of the central nervous system

36 Rossi M.L., Buller J.R., Heath S.A., Carey M.P., Carboni P. Jr., Koutsoubelis G., Coakham H.B.: The monocyte/macrophage infiltrate in 35 medulloblastomas: a paraffin-wax study

41 Ciatto S., Andreoli C., Cirillo A., Bonardi R., Bianchi S., Santoro G., Farante G., Magni A., Campa T., Costa A., Berrino F.: The risk of breast cancer subsequent to histologic diagnosis of benign intraductal papilloma follow-up study of 339 cases

44 Zamboni C., Olmi P., Cellai E., Forti G.: Endocrine status in 29 patients treated by curative radiation therapy for nasopharyngeal carcinoma

49 Magri M.D., Veronesi A., Foladore S., De Giovanni D., Serra C., Crismancich F., Tuvery G., Nicotra M., Tommasi M., Morassut S., Carbone A., Grandi G., Monfardini S., Bianchi C.: Epirubicin in the treatment of malignant mesothelioma: a phase II cooperative study

52 Contu A., Olmeo N.A., Pani P., Deriu A., Ortu S., Paga C.: Lonidamine in non-small-cell lung cancer: a phase II study

56 Ferrara C., Basso D., Fabris C., Malesci A., Fogar P., Meggiato T., Panozzo M.P., Scalon P., Del Favero G., Plebani M., Burlina A., Di Mario F., Naccarato R.: Comparison of two newly identified tumor markers (CAR-3 and DU-PAN-2) with CA 19-9 in patients with pancreatic cancer

61 Boz G., De Paoli A., Roncadin M., Franchin G., Galligioni E., Arcicasa M., Bortolus R., Gobitti C., Minatel E., Innocente R., Trovò M.G.: Radiation therapy combined with chemotherapy for inoperable pancreatic carcinoma

65 Caldironi M.W., Boccato P., Maifredini C.S., Blandamura S., Di Summa A., Costantin G., Rebuffi A.G., Zotti G.C.: « Cyto-assisted », ultrasound-guided biopsy in the diagnosis of focal disease of the abdomen

70 Bologna M., Festuccia C., Vicentini C., Muzi P., Biordi L., De Nicola G., Ventura T.: Establishment and characterization of a human prostatic carcinoma cell strain obtained from exfoliated tumor cells after prostatic massage

76 Koronel R., Stefanon B., Pilotti S., Bandieramonte G., Rilke F., De Palo G.: Genital human papilloma virus infection in males. A clinico-pathologic study

83 Ficarra G., Adler-Storthz K., Galeotti F., Shillitoe E.: Focal epithelial hyperplasia (Heck's disease): the first reported case from Italy

86 Miseria S., Torresi U., Menichetti E.T., Tummarello D., Baldelli S., Murer B., Cellerino R.: Lymphangitic carcinomas of the lung as presentation of prostatic cancer. A case report

90 Damiani S., Manetto V., Carrillo G., Di Biasi A., Nappi O., Eusebi V.: Malignant peripheral nerve tumor arising in a « de novo » ganglioneuroma. A case report

FASCICLE 2

95 Mini E., Stanyon R., Coronello M., Gerli A., Mazzei T., Periti P.: Chromosomal characterization of methotrexate-resistant human T-lymphoblast leukemia cells (CCRF-CEM) with impaired polyglutamylation

100 De Rossi G., Granati L., Girelli G., Gandolfo G., Perrone P., Martelli M., Conti L., Marini R., Pastorelli D., Coluzzi S., Niscola P., Pizzo F., Mandelli F.: Prognostic value of autoantibodies against erythrocytes and platelets in chronic lymphocyitic leukemia (CLL)

105 Parekh H., Chitnis M.: Differential alteration of cellular lipids in drug sensitive and resistant P388 leukemia cells by clofibrate: effects on mitoxantrone cytotoxicity

112 Tabucchi A., Leoncini R., Pagani R., Pizzichini M., Terzuoli L., Vannoni D., Porcelli B., Marinello E., Dispensa E.: Some aspects of purine nucleotide metabolism in lymphocytes of B-CLL

118 Badiali M., Pession A., Basso G., Andreini L., Rigobello L., Galassi E., Giangaspero F.: N-myc and c-myc oncogenes amplification in medulloblastomas. Evidence of particularly aggressive behavior of a tumor with c-myc amplification

122 Rossi M.L., Jones N.R., Karr G.F., Esiri M.M., Havas L., Koakham H.B.: HLA-Dr expression by tumor cells compared with survival in high grade astrocytomas

126 Caygil C.P.J., Hill M.J.: Trends in European breast cancer incidence and possible etiology

130 Trojani M., de Mascarel I., Coindre J.-M.: Adenoid cystic carcinoma of the breast. Value of immunohistochemical study in diagnosis

136 Crivellari D., Galligioni E., Foladore S., Errante D., Conte G., Nascimben O., Amichetti M., Spagnolli P., Recaldin E., Grandinetti A., Palazzi M., Azzoni P., Tirelli U., Monfardini S.: Treatment patterns in elderly patients (≥ 70 years) with breast carcinoma. A retrospective study of the Gruppo Oncologico Clinico Cooperativo del Nord-Est (GOCCNE)

141 Micheletti E., Plebani F., Testolin A., Bignardi M.: Primary radiotherapy versus surgery and radiotherapy in the management of postmenopausal locally advanced breast cancer

145 Brambilla C., Escobedo A., Artioli R., Lechuga M.J., Motta M., Bonadonna G.: Medical castration with Zoladex: a conservative approach to premenopausal breast cancer

151 Chiesa F., Tradati N., Costa L., Podrecca S., Boracchi P., Garramone R., Sala L., Bartoli C., Molinari R.: CO_2 laser surgery in laryngeal cancers: three year results

155 Ahumada J.C., Rancati A., Mezzadri N., Falco J., Montesinos M., Montoreano I., Sarra L.D., Curutchet P.: Chinese flap in head and neck surgery

160 Zaniboni A., Simoncini E., Marpicati P., Meriggi F., Arcangeli G., Garattini P., Raffaglio E., Ferragni A., Marini G.: Mitomycin-C, adriamycin, 5-fluorouracil and leucovorin (L-FAM_2) in the treatment of advanced gastric cancer: a phase II study

164 Walach N., Guterman A., Zaidman J.L., Kaufman S., Weinberger L., Scharf S.: Leukocyte alkaline phosphatase and carcinoembryonic antigen in metastatic colorectal cancer patients

167 Quaranta M., Coviello M., Donadeo A., Rella C., Lorusso V., Micelli G., Lucarelli C.: Measurement of the ovarian cancer-associated antigen CA 125 in monitoring tumor burden and response to chemotherapy

170 De M., Talukder G., Sharma A., Roy S., De S.: Karyotype studies of patients with gonadal tumors

172 Pagano L., Larocca L.M., Zollino M., Sica S., Storti S., Rotoli M., Marra R., Leone G.: Apparent isolated skin relapse in acute monocytic leukemia. A case report

175 Di Palma S., Andreola S., Bertano L., Rossetti C.: Association of adenocarcinoma and leiomyosarcoma of the sigmoid colon. A case report

178 Angulo J.C., Lopez J.I., Indiano J.M., Flores N.: Long term survival in metastatic nephroblastoma. A case report

182 Seminara P., Franchi F., Abdolrahimzadeh S., Gozzer M., Barone C.: Cancer-associated hemolytic-uremic syndrome with spontaneous resolution. A case report

FASCICLE 3

185 Cabral R., Hoshiya T., Hakoi K., Hasegawa R., Fukushima S., Ito N.: A rapid in vivo bioassay for the carcinogenicity of pesticides

189 Demicheli R., Pratesi G., Foroni R.: The exponential-Gompertzian tumor growth model: data from six tumor cell lines in vitro and in vivo. Estimate of the transition point from exponential to Gompertzian growth and potential clinical implications

196 Giangaspero F., Pession A., Trerè D., Badiali M., Galassi E., Ceccarelli C., Cavazzana A., Betts C.M., Paolucci P., Stella M., Montaldi A.: Establishment of a human medulloblastoma cell line (BO-101) demonstrating skeletal muscle differentiation

206 Aliño S.F., Rodeño E., Simón J., Garcia-Sanz M., Alvarez F.J., Hilario E.: Morpho-functional study of vascular fluorochrome delivery to lung and liver metastases of Lewis lung carcinoma (3LL)

212 Lissoni P., Barni S., Rovelli F., Crispino S., Fumagalli G., Pescia S., Vaghi M., Camesasca G., Tancini G.: Neuroendocrine effects of subcutaneous interleukin-2 injection in cancer patients

216 Comella G., Daponte A., Comella P., Casaretti R., Iervolino V., Santillo G., Zarilli D.: Combination chemotherapy with vinblastine, BCNU and cisplatin in advanced malignant melanoma

219 Dusonchet L., Candiloro V., Crosta L., Sanguedolce R., Armata M.G., Rausa L.: Influence of mitoxantrone on the syntheses of DNA and proteins of mouse tissues

227 Barni S., Lissoni P., Paolorossi F., Rescaldani R., Crispino S., Archili C., Cattaneo G., Tancini G.: Mitoxantrone as a single agent in pretreated metastatic breast cancer: effects on T lymphocytes subsets and their relation to clinical response

232 Fountzilas G., Skarlos D., Pavlidis N.A., Makrantonakis P., Tsavaris N., Kalogera-Fountzila A., Giannakakis T., Beer M., Kosmidis P.: High-dose epirubicin as a single agent in the treatment of patients with advanced breast cancer

237 Cascinu S., Isidori P.P., Fedeli A., Luzi Fedeli S., Raspugli M., Rossi A., Ugolini M., Catalano G.: Experience with intrapleural beta interferon in the treatment of malignant pleural effusions

239 Tradati N., Zurrida S., Bartoli C., Boracchi P., Sala L., Contardi N., Rossi N., Chiesa F.: Outpatient surgical treatment with CO_2 laser in oral cancer: immediate and long-term results

243 Castiglione G., Grazzini G., Poli A., Bonardi R., Ciatto S.: Hemoccult sensitivity estimate in a screenin program for colorectal cancer in the province of Florence

246 Levi F., La Vecchia C., Randimbison L., Te V-C., Franceschi S.: Patterns of large bowel cancer by subsite, age, sex and marital status

252 Ciatto S., Cecchini S., Bonardi R., Venturini A., Ciacci R.: Attendance to a screening program for cervical cancer in the city of Florence

257 Collina G., Gale N., Visonà A., Betts C.M., Cenacchi V., Eusebi V.: Epithelial-myoepithelial carcinoma of the parotid gland: a clinico-pathologic and immunohistochemical study of seven cases

264 Uso C., Giannini A., Rubino I., Bondi R.: Adenoid cystic carcinoma of sweat glands: report of two cases

268 Merimsky O., Chaitchik S., Inbar M.: Skin metastasis of ovarian cancer: report of three cases

271 Kulkarni J.N., Kamat M.R.: Solitary metastasis to pubic bone from germ cell tumor of the testis: a case report

273 Guida M., Casamassima A., Marzullo F., Addabbo L., Filotico R., Lorusso T.: Total Hodgkin lymphoma: a case report

277 Bisceglia M., Zenarola P.: Muir-Torre syndrome: a case report

282 Colleoni M., Di Bartolomeo M., Patriarca C., Buzzoni R., Bajetta E.: Well-differentiated neuroendocrine carcinoma of the lung: a case report

FASCICLE 4

285 Colacci A., Bartoli S., Bonora B., Guidotti L., Lattanzi G., Mazzullo M., Niero A., Perocco P., Silingardi P., Grilli S.: Chloroform bioactivation leading to nucleic acids binding

291 Bisceglia M., Bosman C., Carlesimo O.A., Innocenzi D., Quirke P.: Kaposi's sarcoma: a clinico-pathologic overview

311 D'Erasmo E., Acca M., Celi F.S., Minisola S., Spagna G., Aliberti G., Mazzuoli G.: A hospital survey of hypocalcemia and hypophosphatemia in malignancy

315 Mizushima Y., Tsuji H., Izumi S., Hirata H., Kin Y., Kawasaki A., Matsui S., Yokoyama A., Morikage T., Yano S.: Preliminary study on auxiliary value of serum basic fetoprotein in diagnosing lung cancer

319 Guido M., Rossetti F., Rugge M., Cesaro S., Aneloni V., Ninfo V., Zanesco L.: Leukemia and liver disease in childhood: clinical and histological evaluation

323 Casadei G.P., Arrigoni G.L., Versari P., Gambacorta M., Giangaspero F.: Central neurocytoma. A clinicopathologic study of five cases

328 Ciatto S., Bartoli D., Iossa A., Grazzini G., Cirillo A.: Response of primary breast cancer to tamoxifen alone in elderly women

331 Guedea F., Biete A., Ojeda B., Alonso C., Craven-Bartle J.: Inflammatory component: a worsening factor in locally advanced breast cancer treated by radiotherapy and systemic therapy

336 Orecchia R., Rampino M., Gribaudo S., Negri G.L.: Interstitial brachytherapy for carcinomas of the lower lip. Results of treatment

339 Besana C., Sabbadini M.G., Corti C., Di Lucca G., Foppoli M., Marcatti M., Heltai S., Rugarli C.: Autoimmune thyroiditis following interleukin-2 and LAK cell therapy for metastatic renal cell carcinoma: correlation tumor regression

343 Di Marco A., Pradella R., Campostrini F.: Definitive irradiation of nasopharyngeal carcinoma analysis of results and failures in 103 cases

350 Talamini R., Franceschi S., Dal Bo V., Monfardini S.: Pattern and determinants of diagnostic interval in cancers of the prostate, bladder and kidney

355 Cruz J.J., Paz J.I., Cordero M., Martin J., del Mar Abad M.: Carcinosarcoma of the stomach with endocrine differentiation. A case report

358 Lopez J.I., Elizalde J.M., Calvo M.A.: Xanthogranulomatous cholecystitis associated with gallbladder adenocarcinoma. A clinicopathologic study of 5 cases

361 Merimsky O., Reider I., Merimsky E., Chaitchik S.: Interferon-related leukoencephalopathy in a patient with renal cell carcinoma

363 Pescarmona E., Remotti D., Marzullo A., Faraggiana T., Onetti Muda A., Baroni C.D.: Fibrosarcoma of the thymic region. A case report

FASCICLE 5

367 Gatta G., Malvezzi I., Sant H., Micheli A., Panico S., Ravasi G., Berrino F.: Randomized trial of primary school education against smoking

372 Medhat A.M., El-Din Abdelwahab K.S., El Aaser A.A., Al-Nagdy S.A., El-Dardiri Z.Z.: Soybean and ascorbate feeding in experimental carcinogenesis: immunological studies

379 Wainstok de Calmanovici R., Cochón A.C., Aldonatti C., Cabral J.R.P., San Martin de Viale L.C.: Sex comparison of heme pathway in rats bearing hepatic tumors

385 Najid A., Ratinaud M.-H.: Comparative studies of steroidogenesis inhibitors (econazole, ketoconazole) on human breast cancer MCF-7 cell proliferation by growth experiments, thymidine incorporation and flow cytometric DNA analysis

391 Adwankar M., Banerji A., Ghosh S.: Differential response of retinoic acid pretreated human synovial sarcoma cell line to anticancer drugs

395 Clocchiatti L., De Biasi F., Cartei G., Sibau A., Vigevani E., Signor M., Giovannoni M., Ceschia V., Di Chiara F., Grandis S., Talmassons G., Praturlon S.: Evaluation of the circulating glycoprotein CA549 in mammary cancer and other malignancies

399 Pedrazzoli P., Bacciocchi G., Da Prada G.A., Preti P., Pavesi L., Poggi G., Locatelli F., Rosti V., Robustelli della Cuna G.: Evaluation of the effect of medroxyprogesterone acetate on bone marrow progenitor cells

403 Giaretti W.: Ploidy and proliferation evaluated by flow cytometry. An overview of techniques and impact in oncology

420 Gambacorti-Passerini C., Hank J.A., Borchert A., Moore K., Malkovska V., Sondel P.: In vivo effects of multiple cycles of recombinant interleukin-2 (IL2) on peripheral granulocyte-macrophage hematopoietic progenitors circulating in the blood of cancer patients

423 Orecchia R., Urgesi A., Sacco M., Gabriele P., Vasario E., Ricardi U., Gribaudo S., Sola B., Sannazzari G.L.: Daily low-dose carboplatin and standard radiotherapy in unresectable head and neck and lung cancers: a pilot study

426 Fountzilas G., Kosmidis P., Makrantonakis P., Sridhar K.S., Banis K., Themelis C., Kalogera-Fountzila A., Avramidis V., Beer M., Sombolos K., Vritsios A., Daniilidis J.: Carboplatin, continuous infusion fluorouracil and mid-cycle high-dose methotrexate as initial treatment in patients with locally advanced head and neck cancer

432 Casara D., Rubello D., Saladini G., Gallo V., Masarotto G., Busnardo B.: Distant metastases in differentiated thyroid cancer: long-term results of radioiodine treatment and statistical analysis of prognostic factors in 214 patients

437 Bianco A.F., Stefani S., Gridelli C., Gentile M., Contegiacomo A., Giampaglia F., Lauria R., Conte A., Ferrante G.: Intensive alternating combination chemotherapy and high dose chest radiotherapy in small cell lung cancer

442 Guarino M., Tricomi P., Cristofori E., Colpani L., Squillaci S., Micoli G.: Liposarcoma in a child: a case report

445 Comella G., Casaretti R., Comella P., Daponte A., Parziale A., Iervolino V., Santillo G., Zarrilli D.: Treatment of advanced colorectal cancer with mitoxantrone, high dose folinic acid and fluorouracil

447 Adorno G., Girelli G., Perrone M.P., Arista M.C., Coluzzi S., Masi M., Giudiceandrea P., Papa G.: A metastatic breast carcinoma presenting as autoimmune hemolytic anemia

449 D'Aiuto G., Del Vecchio S., Mansi L., D'Aprile M., Botti G., Salvatore M.: Malignant melanoma of the nipple: a case studied with radiolabeled monoclonal antibody

FASCICLE 6

453 Maltoni M., Derni S., Innocenti M.P., Rinaldi A., Amadori D.: Description of a home care service for cancer patients through quantitative indexes of evaluation

460 Volpi A., Savini S., Zoli W., Vasini M., Morgagni S., Amadori A., Volpi R., Amadori D.: An efficient method for culturing human breast epithelium: analysis of results

465 Ciatto S., Bonardi R.: Is breast cancer ever cured? Follow-up study of 5623 breast cancer patients

468 Gallo E., Galante E., Martelli G., Stanzani M., Landi G., Cerrotta A., Motta A., Attili A.: Doppler flowmetry and the diagnosis of breast lumps

472 G.I.V.I.O.: Breast cancer estrogen and progesterone receptors: associations with patients' clinical and epidemiologic characteristics

479 Iossa A., Cianferoni L., Ciatto S., Cecchini S., Campatelli C., Lo Stumbo F.: Hysteroscopy and endometrial cancer diagnosis: a review of 2007 consecutive examinations in self-referred patients

484 Parekh H., Chavan S., Chitnis M.: Antiproliferative effects of mitoxantrone in ADR-sensitive and ADR-resistant P388 leukemia cells enhanced by vitamin K_3

491 Macklis R.M.: Atypical radiation toxicity in patients with classical Kaposi's sarcoma

496 Spinazzé S., Viviani S., Bidoli P., Rovelli F., Palmer P., Franks C.R., Arienti F., Rivoltini L., Parmiani G.: Effect of prolonged subcutaneous administration of interleukin-2 on the circadian rhythms of cortisol and beta-endorphin in advanced small cell lung cancer patients

500 Fazio M., Calabrese F., Camandona M., Correggia F., Giacomasso S., Meina G., Negri L., Mastromatteo V.: Leukocyte adherence inhibition test: cell-mediated reactivity to tumor antigens in colorectal and lung tumor long survivors

506 Gridelli C., Contegiacomo A., Lauria R., Gentile M., Airoma G., De Placido S., Perrone F., Ferrante G., Bianco A.R.: Salvage chemotherapy with CCNU and methotrexate for small cell lung cancer resistant to CAV/PE alternating chemotherapy

511 Mariani G.L., Pennucci M.C., Addamo G., Venturini M., Ardizzoni A., Rosso R.: A pilot study of mitomycin, ifosfamide and cisplatin as outpatient combination chemotherapy for advanced non-small cell lung cancer

514 Sidoni A., Buffalari A., Alberti P.F.: Distal intramural spread in colorectal cancer: a reappraisal of the extent of distal clearance in fifty cases

518 Salvati M., Oppido P.A., Artizzu S., Fiorenza F., Orlando E.R.: Multicentric gliomas. Report of seven cases

523 Caruso R.A., Famulari C., Giuffré G., Mazzeo G.: Pleomorphic carcinoma of the gallbladder. Report of a case

527 Kawasaki A., Mizushima Y., Matsui S., Hoshino K., Yano S., Kitagawa M.: A case of T-cell lymphoma accompanying marked eosinophilia, chronic eosinophilic pneumonia and eosinophilic pleural effusion. A case report

531 Di Palma S., Guzzo M., Cantù G.: Malignant fibrous histiocytoma of the maxillary sinus. A case report